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The hydrodynamic hull and propeller of the Disney Wish reduce the engine power needed to propel the ship, saving nearly 1,800 tons of fuel annually and reducing greenhouse gas emissions by 6 percent.



Guests are encouraged to get involved in conserving water and energy.



Condensation from the ships' onboard air conditioning units is recycled to supply fresh water and used to clean the outer decks of the ships.

Environmental Overview

At Disney Cruise Line, we are dedicated to minimizing our impact on the environment through efforts focused on utilizing new technologies, increasing fuel efficiency, minimizing waste and promoting conservation worldwide. We strive to instill positive environmental stewardship in our cast and crew members and seek to inspire others through programs that engage our guests and the communities in our ports of call.



Disney Cruise Line is consistently recognized as an industry leader and regularly wins awards such as the Blue Circle Award for voluntary efforts to conserve energy and reduce emissions from Port of Vancouver.

Fuel Efficiency & Energy Conservation

Aboard our ships, efforts are taken to help increase the efficient use of fuel and energy, including:

- **Fuel:** Since 2020, Magic and Dream class ships use 0.1 percent ultra-low sulfur fuel. This surpasses the International Maritime Organization's regulation that requires all ships to use 0.5 percent sulfur fuel. The Disney Wish is powered by liquefied natural gas (LNG), which is one of the cleanest-burning fuels available. The use of LNG reduces the emission of nitrogen oxide (NOx) by approximately 37 percent and reduces onboard carbon dioxide (CO₂) emissions by approximately 20 percent compared to traditional diesel or marine fuel.
- **Shore Power:** Currently, three Disney Cruise Line ships have the equipment necessary to plug into shore power if the option is available at the port. Disney Cruise Line coordinates itineraries to be sure shore power-capable ships sail to ports of call that offer this technology.
- **Water Production:** Through reverse osmosis and evaporators that use excess heat from the ships' engines, approximately 142,000 gallons of seawater are transformed into potable water on board each of our ships every day.
- **Additional Efforts:** Disney Cruise Line increases fuel and energy efficiency by automating onboard air conditioning systems for optimum use in both guest and backstage areas, turning off lights when they are not needed and encouraging guests and crew to reuse bath towels, conserving both energy and water. Approximately 90 percent of all lighting onboard the Disney Wish uses energy-efficient LED bulbs, reducing weekly energy consumption from lighting by approximately 30 percent. Disney Cruise Line is in the process of converting the Magic and Dream class ships to LED lighting.



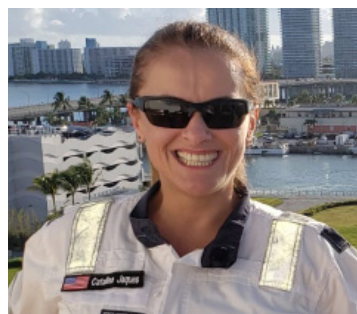
Disney Cruise Line crew members are careful to sort recyclables into waste receptacles.



Each week, more than 1,000 gallons of used cooking oil is offloaded and recycled.



All Disney Cruise Line ships are equipped with Advanced Wastewater Purification Systems.



Environmental Officers aboard Disney ships are responsible for monitoring water quality, in addition to other duties.

Waste Minimization

Disney Cruise Line takes great care to reduce waste and conserve resources.

- **Plastic Waste:** As part of The Walt Disney Company's overall efforts to reduce the amount of single-use plastics, Disney Cruise Line has taken great measures to eliminate single-use plastics onboard and on Disney Castaway Cay, Disney's island in The Bahamas. In 2018, Disney Cruise Line eliminated the use of plastic straws, removing an annual volume of more than 14.7 million. Additionally, by switching to refillable bath product dispensers in all guest staterooms in 2019, Disney Cruise Line has removed an annual distribution of more than 2.2 million plastic amenity containers across its fleet – a total of 18 tons of plastic waste. Disney Cruise Line has also gone from annually distributing nearly 1 million plastic merchandise bags fleetwide annually to nearly zero. Other measures include the removal of plastic cutlery, stirrers and condiment packets. Disposable polystyrene cups have been replaced with insulated paper cups. Plastic bottles were eliminated and replaced with recyclable aluminum ones, and refillable water stations are installed in both guest and crew member areas.
- **Recycling:** Disney Cruise Line is committed to diverting waste from traditional waste streams. Shipboard recycling processes have helped to eliminate on average more than 2,500 tons of metals, glass, plastic and paper from traditional waste streams each year.
- **Condensation:** Naturally occurring condensation from the ships' onboard air-conditioning units is recycled to supply fresh water for onboard laundry facilities and for cleaning the outer decks of the ships, saving more than 37.5 million gallons of fresh water each year.
- **Cooking Oil:** Each week, more than 1,000 gallons of used cooking oil are offloaded and recycled. One hundred percent of the offloaded cooking oil is recycled in ports of call around the world, including Vancouver, Miami and Port Canaveral. Additionally, Disney Cruise Line enjoys a partnership with Bahamas Waste Management in Nassau to convert the offloaded cooking oil into biodiesel fuel to power a fleet of local vehicles.

Water Purification

Since water is a precious natural resource, Disney Cruise Line has invested in technology to ensure water purity and taken steps to select earth-friendly cleaners.

- **Advanced Wastewater Purification Systems:** All Disney Cruise Line ships feature Advanced Wastewater Purification Systems that utilize natural processes to treat and purify onboard wastewater to levels far exceeding international shipping standards, and in some cases shoreside potable water standards.
- **Environmentally Friendly Cleaning Products:** Biodegradable cleaning products are used whenever possible to avoid potentially harmful phosphates and other chemicals associated with traditional cleaners.

Environmental Officers

All Disney Cruise Line ships have dedicated Environmental Officers who are ranked among the most senior leaders on board.

- **Highly Specialized Expertise:** Environmental Officers possess previous maritime experience and specialized training in environmental regulations and systems.
- **Responsibilities:** These leaders monitor the ships overall water quality and supply, train all officers and crew members on waste minimization and environmental safety programs and oversee multiple environmental initiatives, including all shipboard recycling efforts.
- **Monitoring and Management System:** All Disney Cruise Line ships are equipped with a state-of-the-art energy management system tracks the ship's performance to ensure it is operating efficiently and help uncover more ways to enhance its energy efficiency.

Conservation & Wildlife



Disney researchers are transplanting long-spined sea urchins in order to restore the health of coral reefs.



Disney Cruise Line complies with all water and air quality standards.



Families can learn about stingrays during hands-on experiences.



Guests on Castaway Cay participate in Port Adventures that foster an appreciation of the natural habitat.

On board our ships and off, Disney Cruise Line strives to promote wildlife conservation and the protection of native animal species in our ports of call and around the world.

- **Disney Conservation Fund:** Guests can join Disney Cruise Line in supporting the Disney Conservation Fund (DCF), a global awards program committed to saving wildlife, inspiring action and protecting the planet. Supported by The Walt Disney Company and supplemented by generous guest contributions, since 1995 DCF has directed more than \$120 million to save wildlife and protect the planet and inspired millions of people to take action for nature in their communities. Read more at www.disney.com/conservation.
- **Coral Reef Restoration:** In collaboration with Disney Cruise Line and The Disney Conservation Fund, a team of Disney researchers has worked since 2007 to rehabilitate coral reefs in The Bahamas. They've planted more than 1,800 corals to rehabilitate five coral reefs, providing important habitat for the marine species, including endangered Nassau grouper and lobster, who call coral reefs home. To protect these reefs from excess algae growth, the team also relocates native long-spined sea urchins to the reefs to graze on algae, restoring balance to the ecosystem and allowing new corals to grow. This knowledge helped establish the Florida Coral Rescue Center in Orlando, the largest facility of its kind in the U.S. to care for and safeguard some of the most vulnerable species of Florida coral. The Disney Conservation Fund is also supporting the Perry Institute for Marine Science to address coral conservation and restoration across The Bahamas alongside more than 30 partner organizations.
- **Disney's Animals, Science and Environment Team:** This internal department of nearly 1,000 professionals upholds high standards of animal care, science, environmental integration, conservation and education. Disney Cruise Line partners with this team to monitor and review Port Adventures featuring animal experiences, oversee educational excursions highlighting native animals and conduct research on Disney's island, Castaway Cay.
- **Castaway Ray's Stingray Adventure:** Guests visiting Castaway Cay in The Bahamas can take part in a hands-on training experience with live stingrays during a 60-minute, instructor-led educational program created through partnerships with animal care experts from Disney's Animals, Science and Environment Team.
- **Sea Turtle Protection:** In partnership with the Sea Turtle Conservancy and Disney's Animals, Science and Environment Team, Disney Cruise Line supports Tour de Turtles. This annual event at Disney's Vero Beach Resort allows scientists to track sea turtles' from their nesting beaches to foraging grounds while collecting vital data about turtles' habits at sea.
- **Whale Watching:** Disney Cruise Line voluntarily participates in a program to record sightings of humpback whales off the coast of Alaska for the National Oceanic and Atmospheric Administration (NOAA) during summer sailings.
- **Avoidance with Marine Mammals and Other Marine Life:** Disney Cruise Line is dedicated to avoiding interactions with marine life. We comply with voluntary seasonal shipping lane changes, voluntary reporting and ship speed reductions. Prior to each season in Alaska, we also conduct marine life avoidance refresher training for our captains and first officers to help them recognize whale types, their behavior and migratory patterns, which is key in avoiding interactions.
- **Sustainability:** Disney Cruise Line is working toward sustainability by selecting more seafood from wild or farmed sources that do not compromise the well-being of our oceans.





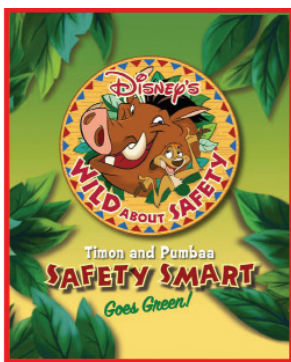
A new solar facility on Castaway Cay generates approximately 70 percent of the island's power.



The vast majority of Disney's private island, Castaway Cay, remains in an undeveloped, preserved state.



Disney VoluntEARS clear trash from the Brevard County coastline as part of regular beach cleanups.



On board, Timon and Pumbaa from "The Lion King" help to inspire responsible environmental action by showcasing small steps everyone can take to make a difference for the environment in their everyday lives.

Environmental Efforts at Castaway Cay

Disney's island, Castaway Cay, is a 1,000+ acre island located in the Abaco chain of The Bahamas. The vast majority of the island's acreage remains undeveloped and in a preserved state. Guest activities impact only a small area of the island, and even there, guests are encouraged to "take only memories, leave only footprints."

Among its many attributes, the island features a secluded one-mile beach, a natural lagoon and natural protection for ship docking.

- **Solar Power:** A solar facility equipped with 4,320 panels generates 70 percent of the island's power.
- **Island Restoration:** Disney restores the island's original ground cover by bringing in plant varieties native to the island to create an authentically natural habitat for guests to explore.

Sustainable Development at Lighthouse Point

Disney Cruise Line is creating a new experience in Eleuthera at Lighthouse Point. The destination will create sustainable economic opportunities for Bahamians, protect and sustain the natural beauty of the site, celebrate culture, and help strengthen the community in Eleuthera. Disney Cruise Line plans to have as little impact as possible on the natural environment. In fact, the project will leave the overwhelming majority of the site undeveloped. The current design calls for developing 16 percent of the acreage, much of it for low-density uses like the placement of beach chairs, umbrellas and small support structures. Disney is also donating more than 190 acres, including the site's southernmost point and a significant amount of beachfront property, to the government and people of The Bahamas.

For the areas Disney does intend to develop, the company is focusing on sustainable design and building practices.

Key Highlights Include:

- The construction of an innovative, open-trestle pier that extends to deep water will prevent the dredging of a ship channel. The location of the proposed pier is based on a scientific assessment of the ocean floor to avoid areas where coral reefs are present. The viable individual corals within the pier's footprint will be expertly relocated to improve the health of struggling coral reefs in the area.
- An elevated design for many walkways and structures will reduce impacts to the natural environment.
- Zero waste will be sent to landfills
- 90 percent of the energy demand for the project will be fulfilled by renewable sources.

Community Outreach, Inspiration and Education

Disney Cruise Line supports efforts both on board and in the local port communities visited by Disney to inspire children and adults alike to take environmental action in their everyday lives.

- **Community Service:** As part of an ongoing effort, cast and crew members regularly donate their time to benefit port communities. Their efforts include giving back to local nonprofits and leading shore cleanups.
- **Climate Training for Bahamian Youth:** Disney Cruise Line is a primary sponsor for a climate change capacity-building conference for youth hosted by the Office of The Prime Minister of The Bahamas and Young Marine Explorers. An online course provides foundational training to compliment the two-day conference that serves as a "climate boot camp" for young people in preparation for the annual United Nations Climate Change Conference.